



DIAMOND MULTIMEDIA - SPECIFICATION SHEET

SKU 4870PE51G  
BRAND HD 4800  
May 4, 2009 - 4:13 pm

ENG APVD - LK 2008-05-08  
MRKTG APVD - LL 2007-11-29

<b>SKU</b>	4870PE51G	
<b>PRODUCT</b>	DIAMOND ATI Radeon™ HD 4870 PCIE 1024MB GDDR5 Video Card	
<b>PRODUCT SHORT DESCRIPTION</b>	<b>INTERFACE</b>	PCI Express x16
	<b>GPU</b>	HD 4870
	<b>CORE CLOCK</b>	750 MHZ
	<b>MEMORY CLOCK</b>	900 MHZ
	<b>MEMORY CONFIGURATION</b>	32Mx32
	<b>MEMORY TYPE</b>	GDDR5
	<b>MEMORY BANDWIDTH</b>	160.9 GB/sec
	<b>MEMORY SIZE</b>	1024MB
	<b>MEMORY CONTROLLER INTERFACE</b>	256-Bit
	<b>PORTS</b>	2 Dual-Link DVI, Video Out [S-Video, Composite, HDTV]
	<b>DUAL LINK DVI</b>	Hydravision 4

**PRODUCT DETAILED DESCRIPTION**  
The Diamond HD 4870 is a magnificent beast. A 956 million-transistor processing powerhouse, a technology statement and dream come true for enthusiast gamers hungry for the fastest GPU ever made. Featuring a 2nd generation unified shader architecture, massive processing power and an unprecedented 256-bit memory interface, HD 4870 will deliver astonishing performance and the richest feature-set yet for a big ultra-high definition gaming experience with all of the bells and whistles turned up to the max. The HD 4870 is quite simply a ticket to the future of PC gaming.

- PRODUCT FEATURES**
- GPU: ATI Radeon™ 4870
  - Bus Type: PCI-Express X16 (PCI Express 2.0)
  - Core Clock: 750 MHZ
  - Memory Size: 1024MB
  - Memory Configuration: 32Mx32 GDDR5
  - Memory Interface: 256-Bit
  - Memory Speed: 900 MHZ
  - API Support: DirectX® 9.0 and 10.0, 10.1, OpenGL
  - Display Formats: Two Dual Link DVI + HDTV-Out (HDMI Support Via Adapter)

<b>SYSTEM REQUIREMENT</b>	<b>EXTERNAL POWER REQUIREMENT</b>	2 x 6 pin mollex
	<b>CPU</b>	Min. Intel 2.0 Celeron, Pentium Intel Duo, AMD 3800+ or higher
	<b>CPU SPEED</b>	2.4 GHz or higher CPU
	<b>MEMORY</b>	1024MB
	<b>HARD DISK</b>	480MB available hard disk space
	<b>SYSTEM BUS</b>	PCI Express x16
	<b>SLOT</b>	DOUBLE
	<b>CHASSIS</b>	N/A
	<b>MONITOR</b>	Digital flat-panel (DFP) displays or DVI-I Compatible or digital CRT display or High-resolution VGA monitor
	<b>INTERNET ACCESS</b>	NO
	<b>USB</b>	NO
	<b>CD DVD</b>	YES
	<b>POWER SUPPLY</b>	450 Watt or greater power supply with 75 Watt 6-pin PCI Express® power connector recommended (550 Watt and two 6-pin connectors for ATI CrossFireX™ technology in dual mode)

**OPERATING SYSTEM** MCE WINXP WINXP64 WINVISTA32 WINVISTA64

**FORM FACTOR** Standard Profile Full-Height

**DIMENSIONS** [PRODUCT] : 11.75 X 9.5 X 3 [RETAIL BOX] : 11.75 X 9.5 X 3 [S BUILDER] : 11.5 X 7.25 X 2

**WEIGHT** [PRODUCT WEIGHT] : 1.8 LBS [PRODUCT WITH CONTENT WEIGHT] : 3.5 LBS

**UPC** RETAIL PACKAGE UPC : 757448006483

- PACKAGE CONTENT**
- DIAMOND HD 4870 PCIE 1024MB GDDR5 VIDEO CARD
  - QUICK START GUIDE
  - INSTALL CD
  - COMPONENT HDTV ADAPTER
  - CROSSFIRE BRIDGE INTERCONNECT
  - DVI-TO-VGA ADAPTER
  - DVI-TO-HDMI ADAPTER

**PRODUCT WEBPAGE** <http://www.diamondmm.com/4870PE51G.php>

**PRODUCT NOTES** **California Health & Safety Notice** : The solder used in this product contains lead, a chemical known to the State of California to cause birth defects and other reproductive harm. Please wash hands after handling internal components and circuit boards and avoid inhalation of fumes if heating the solder.